

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	DQ04
STATION NUMBER	DQ04
4 CHAR ID	DQ04
COUNTRY	IRAQ
LOCATION	AN NASIRIYAH
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	23 JULY 05

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	x		1
OFFICE COORDINATE VALUES	x		1
STATION MONUMENT & SITE DETAILS	x		1
STATION DIAGRAM	x		1
ACCESS MAP	x		1
ACCESS DESCRIPTION	x		1
APPROACH PHOTOGRAPHS	x		1
CARDINAL POINT PHOTOGRAPHS	x		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	DQ04
4 CHAR ID	DQ04
STATION NUMBER	DQ04

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N	31° 04' 29.4''
LONGITUDE E	046° 16' 23.5''
HT (M)	0
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R PV 21455 38592
SURVEYING AGENCY	IGRS

FIELD INPUT BY: SPC CHAMBERS	UNIT: IGRS	DATE: 23 JULY 2005
FIELD CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 23 JULY 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	31° 04' 29.45420''
LONGITUDE E	046° 16' 23.35905''
SPHEROIDAL HT (M)	-6.604
EGM96 GEOID MODEL HT (M)	-11.567
ORTHOMETRIC HT (M)	4.963
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.007
RELATIVE HEIGHT ACCURACY (M)	0.023
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: DQ04	
STATION NUMBER: DQ04	4 CHAR ID: DQ04
LOCATION: AN NASIRIYAH	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE MARK ON RE-BAR	NO OF REBARS: 14

MONUMENT PHOTO / SKETCH



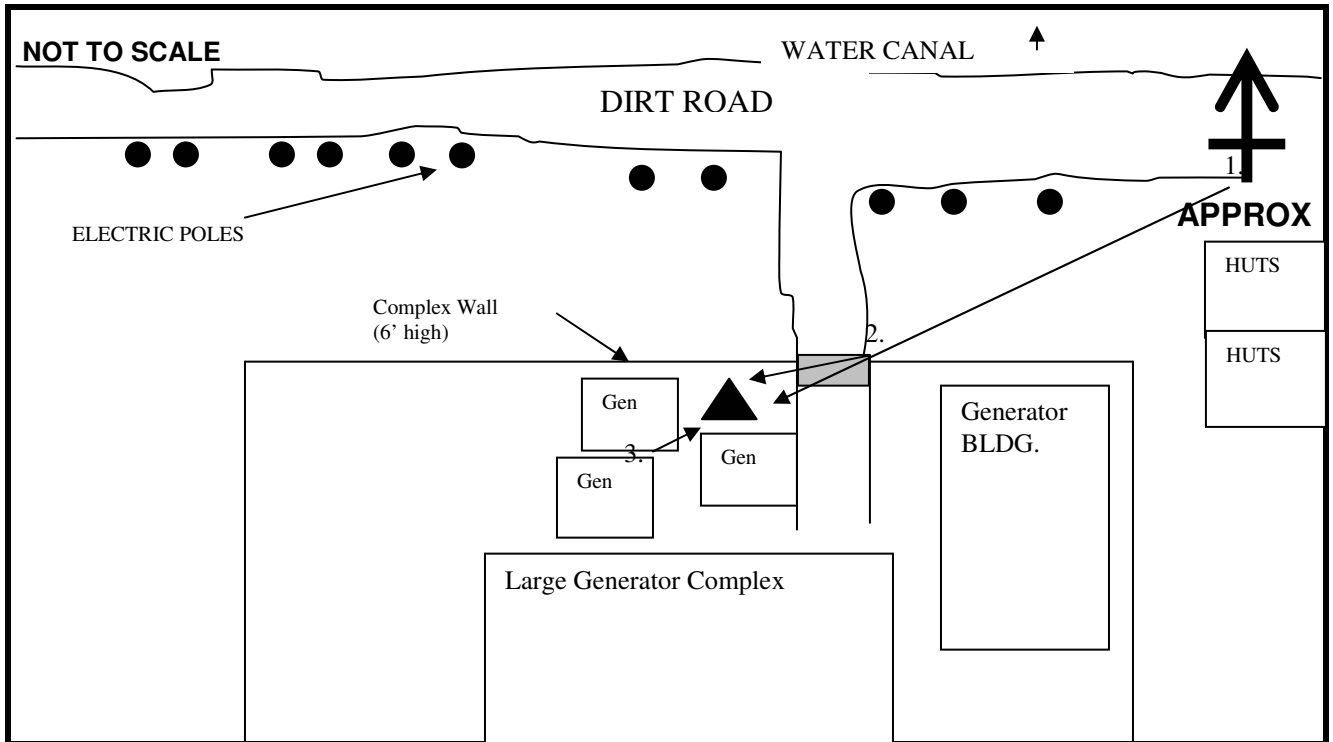
PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 23 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 23 JULY 2005

STATION DIAGRAM

STATION LONG NAME: DQ04

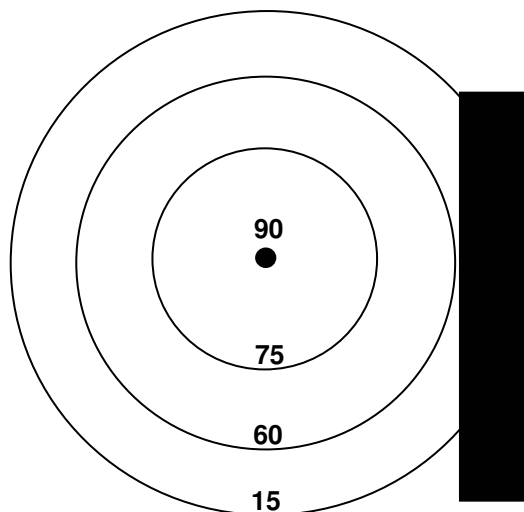
STATION NUMBER: DQ04

4 CHAR ID: DQ04



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	NE CNR OF DIRT ROAD	222°	51.4m
2	NE CNR OF ENTRANCE GATE	209°	3.61m
3	LARGE GENERATOR (#2)	89°	7.01m
4			

OBSCURITY DETAILS



PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 23 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 23 JULY 2005

ACCESS MAP

STATION LONG NAME: DQ04

STATION NUMBER: DQ04

4 CHAR ID: DQ04

MAP DETAILS

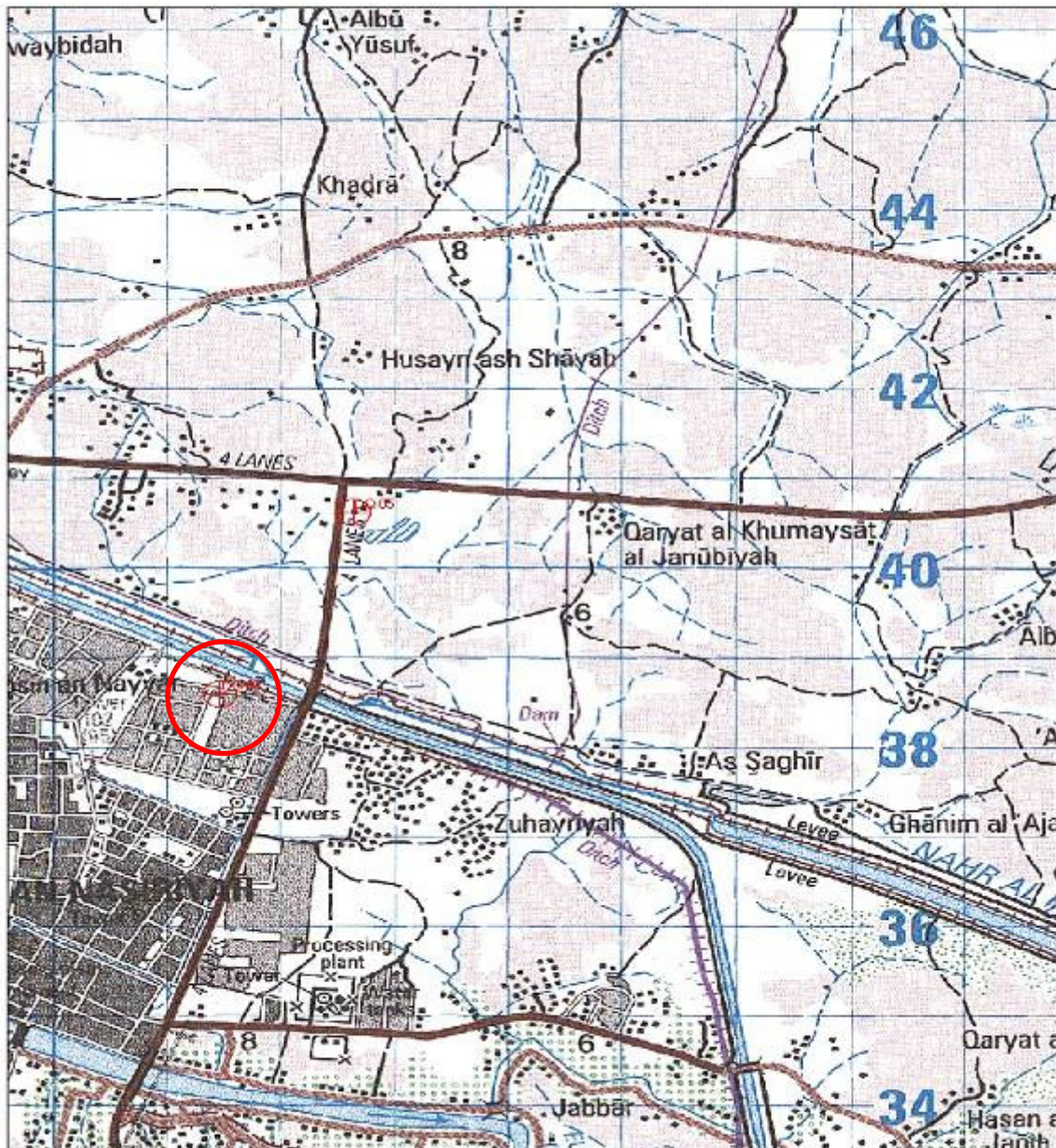
SERIES: K643

SHEET: 5251

EDITION: 2-NIMA

SCALE: 1:100,000

GR: 38R PV 21455 38592



PREPARED BY: SPC CHAMBERS

UNIT: IGRS

DATE: 23 JULY 2005

CHECKED BY: SGT. O'NEAL

UNIT: IGRS

DATE: 23 JULY 2005

ACCESS DESCRIPTION

STATION LONG NAME: DQ04	
STATION NUMBER: DQ04	4 CHAR ID: DQ04

MAP DETAILS	SERIES: K643	SHEET: 5251
EDITION: 2-NIMA	SCALE: 1:100,000	GR: 38R PV 21455 38592

In the city of Nasiriyah, on Route 7 bridge at grid location: 38R PV 185 353, travel North on Route 7, for approximately 4.7km to junction with dirt trail at grid location: 38R PV 189 402, from that junction proceed southwest down dirt trail (runs parallel to water canal) along northern village for approximately 2km to Electric Generator Complex, (located on right-hand side on dirt trail 100m from road) at grid location: 38R PV 21455 38592. (Note: survey point DQ04 is located inside the complex approximately 3m from access gate.)

PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 23 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 23 JULY 2005

APPROACH PHOTOGRAPHS

STATION LONG NAME: DQ04	
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NEAR APPROACH FACING SOUTH



FAR APPROACH FACING SOUTH



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 23 JULY 2005
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CARDINAL PHOTOGRAPHS

STATION LONG NAME: DQ04

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NORTH



SOUTH



TAKEN BY: SPC. CHAMBERS

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CARDINAL PHOTOGRAPHS

STATION LONG NAME: DQ04

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EAST



WEST



TAKEN BY: SPC. CHAMBERS

DATE TAKEN: 23 JULY 2005